U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 1

| Complete if Known | | |
|----------------------|-----------------------|--|
| Application Number | 10/517,182 | |
| Filing Date | December 7, 2004 | |
| First Named Inventor | Hajime Maekawa et al. | |
| Art Unit | 2168 | |
| Examiner Name | Dangelino N. Gortayo | |
| Attorney Docket No. | MAT-8637US | |

| | | | U.S. PATE | NT DOC | UMENTS | | | |
|-------------------------|------------|---|-------------|--------------------|----------------------------|----------------------|--|----|
| Examiner | Cite | Document Number Number - Kind Code ^{2 (if known)} | Publication | | | e of Patentee or | Pages, Columns, Lines, W Relevant Passages or Rele | |
| Initials* | No.1 | | (MM-DD- | . <u> </u> | Applicant of Cited Documen | | Figures Appear | |
| | İ | US Office Action for | 04-13-20 | 10 | Panasoni | ic Corporation | | |
| | | Application No. 11/509,468 | | | _ | | | |
| | | US Office Action for | 05-05-20 | 10 | Panason | ic Corporation | | |
| | | Application No. | | | | | | |
| | | US Office Action for | 04-12-20 | 10 | Panasoni | ic Corporation | | |
| | ŀ | Application No. | 04-12-20 | 04-12-2010 | | ic corporation | | |
| | | 11/509,341 | | | | | | |
| | | US-6,812,881 B1 | 11-02-20 | 04 | John Ma | ertin Mullaly et al. | | |
| | | US-2005/0088333 A1 | 04-28-20 | 05 | David E. | Allport | | |
| | | US-7,185,131 B2 | 02-27-20 | 07 | Mark A. | Leach | | |
| | | US-7,249,170 B2 | 07-24-20 | 07 | | | _ | |
| | | US-7,150,037 B2 | 12-12-20 | 06 | | | | |
| | | US-7,010,608 B2 | 03-07-20 | 3 / | | | | |
| | | US-7,260,597 B1 | 08-21-20 | | | frichter et al. | | |
| | | US-7,428,753 B2 | 09-23-20 | 08 | 9 Tomoaki Enokida | | | |
| | | US-7,489,783 B2 | 02-10-20 | 09 | | | | |
| | | US-7,539,724 B1 | 05-26-20 | 09 | | | | |
| | | US- | | | | | | |
| | | US- | | | | · <u>·</u> · | | |
| | | US- | ļ | | | | | |
| | ļ <u>-</u> | US- | | | | | | |
| | | FO | REIGN PA | TENT D | OCUMENT | rs | | |
| Foreign Patent Document | | | | Publication Police | | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages or Relevant | |
| Examiner | Cite | Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)} | | Publication Date | | Applicant of Cited | Figures Annear | ١, |

| Examiner | Cite | Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)} | Publication Date | Name of Patentee or Applicant of Cited | Pages, Columns, Lines, Where Relevant Passages or Relevant | т6 |
|-----------------------|------|--|------------------|---|--|----------|
| Initials* | No.1 | Country Code - Number - Kind Code | (MM-DD-YYYY) | Document | Figures Appear | 1, |
| | | | | | | <u> </u> |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | - | | |
| Examiner Signature | | | | Date Considered | | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Applicant's unique citation designation number (optional).

See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Senter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible

⁶Applicant is to place a check mark here if English language translation is attached

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.